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(54) METHOD AND DEVICE FOR ADJUSTING POSITION OF OPTICAL LENS FOR FIXED FOCUS TYPE IMAGE PICKUP DEVICE AND COMPUTER READABLE RECORDING MEDIUM STORAGE PROGRAM CONCERNED WITH THE METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To accurately and reliably arrange an optical lens for a fixed focus type image pickup device on a focal position in a prescribed image pickup distance without requiring a specific focusing sensor or the like.

SOLUTION: In the optical lens position adjusting method of the fixed focus type image pickup device fixing the optical lens 104 in the front of an image pickup element 101, a test pattern 20 based on a black-and-white pattern arranged on a position separated by a prescribed distance is picked up by the element 101, the arrangement position of the lens 104 is changed in the optical axis direction, the square of the spatial second derivative of a fixed area of a picture signal obtained by the element 101 is set up as a focus index, and the lens 104 is fixedly arranged on a position of the optical axial direction where the focus index is maximized.

